

19.7.74

Dear Hela,

I have to admit that I had to ~~re~~ read your letter twice, before grasping what the message was, so out-of-touch I have already become in such a short time. But looking out of the window at sailing boats in the river on the ~~east~~^{east} and grazing cows on the west, does not make one think a lot about the top operon of E. coli. All the same - I did think about an explanation of where the R₁ enzyme cuts the B. subtilis DNA. First of all, let me state the problem: It seems that the fragment is aro₂ | top E --- int | aro₁. If so, why does the aro₂ transforming efficiency drop much lower than the aro₁ efficiency? I think that the explanation is that, as part of the decrease can be attributed to size effects, the aro₂ decrease might reflect not its digestion, but its ~~size~~ size after digestion. Not of crucial importance, but, still, could you raise it in the seminar?

As for the experiments: I guess I have nothing to add until we know whether the reaction 3 colonies ~~to~~ replicated on AA-top-his (+Srk of course). Thanks very very much for carrying these experiments out. Thanks to you and thanks to Patsy. I did not understand

in your letter the tyrosine uptake plating -
0 or 1? Secondly, did the colonies appear
on AA-Trypticase only or also on AA-Trypticase +
traces of top?

Yes, please keep me informed. We are
going to leave on the 27th, so that my
next address is home, in Jerusalem.

Love to everybody in the lab.,
and thanks again,

Yelund M